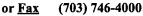
PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450



Alexandria, Virginia 22313-1450

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. 7590 09/02/2004

Eliza I. Stefaniw P. O. Box 70110 Washington, DC 20024

12/01/2004 NNGUYEN2 00000159 10075728

01 FC:2501 02 FC:1504 03 FC:8001

685.00 OP 300.00 OP 9.00 OP Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

(Depositor's name) (Signature (Date

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-10/075,728	02/12/2002	Patrick J. Toomey	9925=30998-MV	<u>£</u> 2773

TITLE OF INVENTION: WATER DETECTION AND SOURCE IDENTIFICATION METHODS FOR STRUCTURES USING ELECTROMAGNETIC RADIATION SPECTR'OSCOPY

APPLN. TYPE	SMALL ENTITY	ISSUE FEE		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$665		\$300	\$965	12/02/2004
EXAMINER		ART UNIT		CLASS-SUBCLASS]	
GAGLIARDI, ALBERT J		2878		250-341100	_	
I. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.		2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.				
	D RESIDENCE DATA TO E s an assignee is identified b n 37 CFR 3.11. Completion			T (print or type) bear on the patent. If an assign for filing an assignment.	nee is identified below, the	document has been filed for
(B) NAME OF ASSIGNEE		B) RESIDENCE: (CITY and STATE OR COUNTRY)				

$(\vec{k})^2$	NAME	OF	ASSIGNEE

Please check the appropriate assignee category or categories (will not be	printed on the patent):		
4a. The following fee(s) are enclosed:	4b. Payment of Fee(s):		
Issue Fee	A check in the amount of the fee(s) is enclosed.		
Publication Fee (No small entity discount permitted)	Payment by credit card. Form PTO-2038 is attached.		
Advance Order - # of Copies	The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).		
5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.	□ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).		
The Director of the USPTO is requested to apply the Issue Fee and Publ NOTE: The Issue Fee and Publication Fee (if required) will not be acceptanterest as shown by the records of the United States Patent and Tradema	ication Fee (if any) or to re-apply any previously paid issue fee to the application identified above, oted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in ark Office.		
Authorized Signature	Date 11/30/04		
Typed or printed name Eliza Stefaniu	1 Registration No. 52, 254		

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.